

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7198	385/50,31,33,34,38,49,93.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/16 21:26
L2	69	1 and parallel near3 v-groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/16 21:27
L3	2	1 and duelli.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/16 21:26
L4	11	("4205901" "4268112" "4456330" "4701011" "4737004" "5337380" "5457759" "6014483" "6445939" "6542665" "6594419").PN. OR ("6873768").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 21:26
L5	15	2 and fiber near2 (end tip) with (cleav\$3 facet\$3 angl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/16 21:27
L6	8	(US-20040190833-\$ or US-20030002809-\$ or US-20050147345-\$).did. or (US-4900118-\$ or US-6873768-\$ or US-6571036-\$ or US-6361222-\$ or US-6654517-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/16 21:40
S1	2	"20040190833"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/06 15:44

EAST Search History

S2	297	<p>(US-5398170-\$ or US-5729024-\$ or US-5818062-\$ or US-5907373-\$ or US-5929436-\$ or US-6014489-\$ or US-4776340-\$ or US-5584296-\$ or US-5841154-\$ or US-5959778-\$ or US-6102545-\$ or US-6141151-\$ or US-6236036-\$ or US-4405858-\$ or US-4807026-\$ or US-4840137-\$ or US-4864144-\$ or US-RE34411-\$ or US-5266811-\$ or US-5459505-\$ or US-5467216-\$ or US-5640380-\$ or US-5757447-\$ or US-5794097-\$ or US-5802222-\$ or US-5946438-\$).did. or (US-6094517-\$ or US-6229831-\$ or US-6249370-\$ or US-4250575-\$ or US-4505555-\$ or US-4766471-\$ or US-4814948-\$ or US-4875215-\$ or US-4936151-\$ or US-5217013-\$ or US-5250796-\$ or US-5281805-\$ or US-5408296-\$ or US-5420950-\$ or US-5459000-\$ or US-5471050-\$ or US-5475210-\$ or US-5479384-\$ or US-5648859-\$ or US-5652655-\$ or US-5761229-\$ or US-5765934-\$ or US-5771254-\$ or US-5832155-\$ or US-5838869-\$ or US-5926293-\$ or US-5933255-\$).did. or (US-5940550-\$ or US-5949067-\$ or US-5953469-\$ or US-5956854-\$ or US-5995262-\$ or US-6122833-\$ or US-6144787-\$ or US-6216352-\$ or US-4250389-\$ or US-4254223-\$ or US-4315147-\$ or US-4348088-\$ or US-4371258-\$ or US-4387973-\$ or US-4431720-\$ or US-4433913-\$ or US-4446479-\$ or US-4468771-\$ or US-4593199-\$ or US-4596466-\$ or US-4778989-\$ or US-4780703-\$ or US-4796005-\$ or US-4819096-\$ or US-4887104-\$ or US-4908304-\$ or US-4925514-\$).did. or (US-4978190-\$ or US-5004912-\$ or US-5025449-\$ or US-5204763-\$ or US-5212380-\$ or US-5218223-\$ or US-5229829-\$ or US-5235194-\$ or US-5247390-\$ or US-5276693-\$ or US-5293393-\$ or US-5301385-\$ or US-5305294-\$ or US-5317167-\$ or US-5346789-\$ or US-5381022-\$ or US-5384658-\$ or US-5394385-\$ or US-5442252-\$ or US-5448161-\$ or US-5470690-\$ or US-5497266-\$ or US-5528026-\$ or US-5530577-\$ or US-5544269-\$ or US-5575860-\$ or US-5579772-\$).did. or (US-5584558-\$ or US-5615200-\$ or US-5683175-\$ or US-5689603-\$ or US-5698847-\$ or US-5718991-\$ or US-5757999-\$ or US-5778117-\$ or US-5784129-\$ or US-5793060-\$ or US-5805336-\$ or US-5809050-\$ or US-5835514-\$ or US-5841128-\$ or US-5844682-\$ or US-5843626-\$ or US-5861990-\$ or US-5889901-\$ or US-5896219-\$ or US-5925867-\$ or US-5934778-\$ or US-5944405-\$ or US-5953477-\$ or US-5994154-\$ or US-5999281-\$ or US-6008506-\$ or US-6031792-\$).did. or (US-6036329-\$ or US-6055050-\$ or US-6076959-\$ or US-6088102-\$ or US-6094265-\$ or US-6093925-\$ or US-6144791-\$ or US-6151342-\$ or US-6154433-\$ or US-6172777-\$ or US-6173517-\$ or US-6174424-\$ or US-6211984-\$ or US-6222970-\$ or US-6222689-\$ or US-4269925-\$ or US-4272594-\$ or US-4298676-\$ or US-4314760-\$ or US-4357104-\$ or US-4370058-\$ or US-4376950-\$ or US-4377753-\$ or US-4400739-\$ or US-4434360-\$ or US-4437190-\$ or US-4456674-\$).did. or (US-4460989-\$ or US-4464572-\$ or US-4468093-\$ or US-4468494-\$ or US-4496651-\$ or US-4505539-\$ or US-4515445-\$ or US-4516195-\$ or US-4516032-\$ or US-4521693-\$ or US-4544258-\$ or US-4546062-\$ or US-4548495-\$ or US-4556787-\$ or US-4559589-\$ or US-4570075-\$ or US-4591257-\$ or US-4595265-\$ or US-4596051-\$ or US-4595866-\$ or US-4596998-\$ or US-4608622-\$ or US-4621156-\$ or US-4763969-\$ or US-4763992-\$ or US-4770047-\$ or US-4771415-\$).did. or (US-4775205-\$ or US-4777141-\$ or US-4777516-\$ or US-4794391-\$ or US-4800269-\$ or US-4800288-\$ or US-4806885-\$ or US-4830458-\$ or US-4831276-\$ or US-4836642-\$ or US-4843388-\$ or US-4848879-\$ or US-4859857-\$ or US-4873431-\$ or US-4876569-\$ or US-4907859-\$ or US-4914437-\$ or US-4916708-\$ or US-4929822-\$ or US-4933779-\$ or US-4943138-\$ or US-4952022-\$ or US-4969740-\$ or US-4972513-\$ or US-4977561-\$ or US-4980700-\$ or US-4983817-\$).did. or (US-4998014-\$ or US-5001836-\$ or US-5021877-\$ or US-5189544-\$ or US-5191625-\$ or US-5196898-\$ or US-5207669-\$ or US-5208513-\$ or US-5216248-\$ or US-5224185-\$ or US-5228001-\$ or US-5229806-\$ or US-5232858-\$ or US-5233407-\$ or US-5233450-\$ or US-5244771-\$ or US-5247493-\$ or US-5251060-\$ or US-5259907-\$ or US-5276669-\$ or US-5282260-\$ or US-5291014-\$ or US-5293372-\$ or US-5300067-\$ or US-5301043-\$ or US-5311338-\$ or US-5314631-\$).did. or (US-5315420-\$ or US-5329116-\$ or US-5349653-\$ or US-5361117-\$ or US-5367587-\$ or US-5397536-\$ or US-5418631-\$ or US-5419313-\$ or US-5430562-\$ or US-5447767-\$ or US-5448749-\$ or US-5455704-\$ or US-5463468-\$ or US-5465194-\$ or US-5465248-\$ or US-5471261-\$ or US-5473722-\$ or US-5477047-\$ or US-5481633-\$ or US-5488436-\$ or US-5488696-\$ or US-5495400-\$ or US-5499098-\$ or US-5502490-\$ or US-5513288-\$ or US-5514888-\$ or US-5517390-\$).did. or (US-5534693-\$ or US-5548393-\$ or US-5548676-\$ or US-5555339-\$ or US-5559442-\$ or US-5562838-\$ or US-5568458-\$ or US-5581094-\$ or US-5581573-\$ or US-5581646-\$ or US-5598394-\$ or US-5602639-\$ or US-5612780-\$ or US-5617442-\$ or US-5619521-\$ or US-5623509-\$ or US-5627920-\$ or US-5631885-\$ or US-5633737-\$ or US-5644416-\$ or US-5652807-\$ or US-5658966-\$ or US-5659408-\$ or US-5663580-\$ or US-5671052-\$ or US-5691963-\$ or US-5696607-\$).did. or (US-5696999-\$).did.</p>	USPAT	OR	ON	2005/08/05 11:56
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EAST Search History

S3	62	"4701011"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/05 12:05
S4	57	S2 and "385"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 19:47
S48	0	"mori-keiichi.in" and grooves	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/13 16:02
S49	11	mori-keiichi.in. and grooves	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/06 17:28
S50	4	("5757993" "6220764" "6238100" "6461058").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/06 17:30
S51	0	("6739762").URPN.	USPAT	OR	ON	2005/08/06 17:30
S52	0	("2004/0190833").URPN.	USPAT	OR	ON	2005/08/06 17:30
S53	9	("4773721" "4925264" "5594820" "5923798" "6134207" "6379510").PN. OR ("6463190").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/06 17:30
S54	36	("5594820").URPN.	USPAT	OR	ON	2005/08/06 17:41
S55	1	"6000000".pn.	USPAT	OR	ON	2005/08/06 17:47
S56	46	"4900118"	US-PGPUB; USPAT	OR	ON	2005/08/06 17:48
S57	112	385/48.ccls. and groove	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/06 17:52
S58	11	385/48.ccls. and groove and fib\$2s near6 parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/06 17:50
S59	25	"6014483"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/06 19:10
S60	6	("4900118" "5297228").PN. OR ("6361222").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 00:01
S61	61	("4130345" "4296995" "4306765" "4317699" "4325605" "4339290" "4452505" "4498731" "4541159" "4564260" "4575180" "4589724" "4621895" "4730887" "4750804" "4790616" "4802727" "4824204" "4826275" "4826277" "4836644").PN. OR ("4900118").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 00:01
S62	26	"6014483"	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 00:02
S63	491	385/48.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/19 00:15
S64	8	S63 and first near fib\$3 and second near fib\$3 same parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/19 00:15
S65	8	S63 and first near fib\$3 and second near fib\$3 same parallel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/19 00:15
S66	115	385/48.ccls. and groove	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/19 00:15

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S67	61	("4130345" "4296995" "4306765" "4317699" "4325605" "4339290" "4452505" "4498731" "4541159" "4564260" "4575180" "4589724" "4621895" "4730887" "4750804" "4790616" "4802727" "4824204" "4826275" "4826277" "4836644").PN. OR ("4900118").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/20 10:17
S68	115	385/48.ccls. and groove	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/20 10:17
S69	1	10/497085	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/13 16:01
S70	678	mori-keiichi.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/13 16:03
S71	33	S70 and "japan aviation electronics".as.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/13 16:06
S72	8	"6361222"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/04/13 16:06
S73	5	("6361222").URPN.	USPAT	OR	ON	2006/04/13 16:07
S74	0	("6665475").URPN.	USPAT	OR	ON	2006/04/13 16:08
S75	0	("6665475").URPN.	USPAT	OR	ON	2006/04/13 16:09
S76	11	("20010028768" "20030095776" "4772086" "5327517" "5703973" "6160937" "6222967" "6361222" "6496624" "6526204" "6571040").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 16:09
S77	63	("4130345" "4296995" "4306765" "4317699" "4325605" "4339290" "4452505" "4498731" "4541159" "4564260" "4575180" "4589724" "4621895" "4730887" "4750804" "4790616" "4802727" "4824204" "4826275" "4826277" "4836644").PN. OR ("4900118").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 16:13
S78	4694	385/88,39,49,52.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 17:56
S79	100	v-groove and fiber with (cleav\$3 facet angle\$1) and fiber with graded adj index	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 16:17
S80	21	v-groove and fiber with (cleav\$3 facet angle\$1) and fiber near5 graded adj index	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 17:54
S81	10	"5859940"	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 17:54
S82	7	("5859940").URPN.	USPAT	OR	ON	2006/04/13 17:54
S83	10	("6454465").URPN.	USPAT	OR	ON	2006/04/13 17:55
S85	4694	385/88,39,49,52.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:33
S86	163	S85 and (graded adj index) near5 fiber	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 17:56
S87	47	S86 and (detector photo adj diode photodiode) and (filter splitter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 17:57
S88	7	("4900118" "5297228").PN. OR ("6361222").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 18:08
S89	0	S88 and graded adj index	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 18:08
S90	0	S88 and grad\$4 adj index	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 18:12

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S91	746	(grad\$4 adj index) near5 fiber and (detector photo adj diode photodiode) and (filter splitter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 18:13
S92	46	S91 and v adj groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 18:13
S93	5778	385/33,39,49,52,34,137.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 18:21
S94	255	S93 and ((graded adj index) gradient) and (detector photo adj diode photodiode) and (filter splitter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 18:22
S95	64	S94 and v adj groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 18:22
S96	42	("4900118").URPN.	USPAT	OR	ON	2006/04/13 19:00
S97	3811	(385/47-50.ccls. 359/618.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 19:01
S98	2	S97 and parallel near3 fib\$2s same groove same ((beam\$split\$4 beam adj split\$4) (filter))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 19:01
S99	1	("6480639").PN. OR ("6863449").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/13 19:02
S100	4694	385/88,39,49,52.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:34
S101	131	S100 and parallel with v adj groove	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:34
S102	101	S101 and (cleav\$3 facet\$3 angl\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:34
S103	58	S101 and (cleav\$3 facet\$3 angl\$3) near5 fiber	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:43
S106	4	optic\$4 near2 monitor\$3 and parallel near3 (v adj groove v-groove v near groove) and (input and output) near5 fiber and (beamsplitter beam adj splitter filter) same (reflect\$4 receiv\$4 coupl\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:46
S107	1	S100 and optic\$4 near2 monitor\$3 and parallel near3 (v adj groove v-groove v near groove) and (input and output) near5 fiber and (beamsplitter beam adj splitter filter) same (reflect\$4 receiv\$4 coupl\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:11

EAST Search History

S108	297	(US-5398170-\$ or US-5729024-\$ or US-5818062-\$ or US-5907373-\$ or US-5929436-\$ or US-6014489-\$ or US-4776340-\$ or US-5584296-\$ or US-5841154-\$ or US-5959778-\$ or US-6102545-\$ or US-6141151-\$ or US-6236036-\$ or US-4405858-\$ or US-4807026-\$ or US-4840137-\$ or US-4864144-\$ or US-RE34411-\$ or US-5266811-\$ or US-5459505-\$ or US-5467216-\$ or US-5640380-\$ or US-5757447-\$ or US-5794097-\$ or US-5802222-\$ or US-5946438-\$).did. or (US-6094517-\$ or US-6229831-\$ or US-6249370-\$ or US-4250575-\$ or US-4505555-\$ or US-4766471-\$ or US-4814948-\$ or US-4875215-\$ or US-4936151-\$ or US-5217013-\$ or US-5250796-\$ or US-5281805-\$ or US-5408296-\$ or US-5420950-\$ or US-5459000-\$ or US-5471050-\$ or US-5475210-\$ or US-5479384-\$ or US-5648859-\$ or US-5652655-\$ or US-5761229-\$ or US-5765934-\$ or US-5771254-\$ or US-5832155-\$ or US-5838869-\$ or US-5926293-\$ or US-5933255-\$).did. or (US-5940550-\$ or US-5949067-\$ or US-5953469-\$ or US-5956854-\$ or US-5995262-\$ or US-6122833-\$ or US-6144787-\$ or US-6216352-\$ or US-4250389-\$ or US-4254223-\$ or US-4315147-\$ or US-4348088-\$ or US-4371258-\$ or US-4387973-\$ or US-4431720-\$ or US-4433913-\$ or US-4446479-\$ or US-4468771-\$ or US-4593199-\$ or US-4596466-\$ or US-4778989-\$ or US-4780703-\$ or US-4796005-\$ or US-4819096-\$ or US-4887104-\$ or US-4908304-\$ or US-4925514-\$).did. or (US-4978190-\$ or US-5004912-\$ or US-5025449-\$ or US-5204763-\$ or US-5212380-\$ or US-5218223-\$ or US-5229829-\$ or US-5235194-\$ or US-5247390-\$ or US-5276693-\$ or US-5293393-\$ or US-5301385-\$ or US-5305294-\$ or US-5317167-\$ or US-5346789-\$ or US-5381022-\$ or US-5384658-\$ or US-5394385-\$ or US-5442252-\$ or US-5448161-\$ or US-5470690-\$ or US-5497266-\$ or US-5528026-\$ or US-5530577-\$ or US-5544269-\$ or US-5575860-\$ or US-5579772-\$).did. or (US-5584558-\$ or US-5615200-\$ or US-5683175-\$ or US-5689603-\$ or US-5698847-\$ or US-5718991-\$ or US-5757999-\$ or US-5778117-\$ or US-5784129-\$ or US-5793060-\$ or US-5805336-\$ or US-5809050-\$ or US-5835514-\$ or US-5841128-\$ or US-5844682-\$ or US-5843626-\$ or US-5861990-\$ or US-5889901-\$ or US-5896219-\$ or US-5925867-\$ or US-5934778-\$ or US-5944405-\$ or US-5953477-\$ or US-5994154-\$ or US-5999281-\$ or US-6008506-\$ or US-6031792-\$).did. or (US-6036329-\$ or US-6055050-\$ or US-6076959-\$ or US-6088102-\$ or US-6094265-\$ or US-6093925-\$ or US-6144791-\$ or US-6151342-\$ or US-6154433-\$ or US-6172777-\$ or US-6173517-\$ or US-6174424-\$ or US-6211984-\$ or US-6222970-\$ or US-6222689-\$ or US-4269925-\$ or US-4272594-\$ or US-4298676-\$ or US-4314760-\$ or US-4357104-\$ or US-4370058-\$ or US-4376950-\$ or US-4377753-\$ or US-4400739-\$ or US-4434360-\$ or US-4437190-\$ or US-4456674-\$).did. or (US-4460989-\$ or US-4464572-\$ or US-4468093-\$ or US-4468494-\$ or US-4496651-\$ or US-4505539-\$ or US-4515445-\$ or US-4516195-\$ or US-4516032-\$ or US-4521693-\$ or US-4544258-\$ or US-4546062-\$ or US-4548495-\$ or US-4556787-\$ or US-4559589-\$ or US-4570075-\$ or US-4591257-\$ or US-4595265-\$ or US-4596051-\$ or US-4595866-\$ or US-4596998-\$ or US-4608622-\$ or US-4621156-\$ or US-4763969-\$ or US-4763992-\$ or US-4770047-\$ or US-4771415-\$).did. or (US-4775205-\$ or US-4777141-\$ or US-4777516-\$ or US-4794391-\$ or US-4800269-\$ or US-4800288-\$ or US-4806885-\$ or US-4830458-\$ or US-4831276-\$ or US-4836642-\$ or US-4843388-\$ or US-4848879-\$ or US-4859857-\$ or US-4873431-\$ or US-4876569-\$ or US-4907859-\$ or US-4914437-\$ or US-4916708-\$ or US-4929822-\$ or US-4933779-\$ or US-4943138-\$ or US-4952022-\$ or US-4969740-\$ or US-4972513-\$ or US-4977561-\$ or US-4980700-\$ or US-4983817-\$).did. or (US-4998014-\$ or US-5001836-\$ or US-5021877-\$ or US-5189544-\$ or US-5191625-\$ or US-5196898-\$ or US-5207669-\$ or US-5208513-\$ or US-5216248-\$ or US-5224185-\$ or US-5228001-\$ or US-5229806-\$ or US-5232858-\$ or US-5233407-\$ or US-5233450-\$ or US-5244771-\$ or US-5247493-\$ or US-5251060-\$ or US-5259907-\$ or US-5276669-\$ or US-5282260-\$ or US-5291014-\$ or US-5293372-\$ or US-5300067-\$ or US-5301043-\$ or US-5311338-\$ or US-5314631-\$).did. or (US-5315420-\$ or US-5329116-\$ or US-5349653-\$ or US-5361117-\$ or US-5367587-\$ or US-5397536-\$ or US-5418631-\$ or US-5419313-\$ or US-5430562-\$ or US-5447767-\$ or US-5448749-\$ or US-5455704-\$ or US-5463468-\$ or US-5465194-\$ or US-5465248-\$ or US-5471261-\$ or US-5473722-\$ or US-5477047-\$ or US-5481633-\$ or US-5488436-\$ or US-5488696-\$ or US-5495400-\$ or US-5499098-\$ or US-5502490-\$ or US-5513288-\$ or US-5514888-\$ or US-5517390-\$).did. or (US-5534693-\$ or US-5548393-\$ or US-5548676-\$ or US-5555339-\$ or US-5559442-\$ or US-5562838-\$ or US-5568458-\$ or US-5581094-\$ or US-5581573-\$ or US-5581646-\$ or US-5598394-\$ or US-5602639-\$ or US-5612780-\$ or US-5617442-\$ or US-5619521-\$ or US-5623509-\$ or US-5627920-\$ or US-5631885-\$ or US-5633737-\$ or US-5644416-\$ or US-5652807-\$ or US-5658966-\$ or US-5659408-\$ or US-5663580-\$ or US-5671052-\$ or US-5691963-\$ or US-5696607-\$).did. or (US-5696999-\$).did.	USPAT	OR	ON	2006/04/16 19:47
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EAST Search History

S109	99	S108 and ("385"/\$.ccls. "359"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 19:52
S110	5	("4732449" "4733931" "5247595" "6396980").PN. OR ("6571036"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:47
S111	11	("4205901" "4268112" "4456330" "4701011" "4737004" "5337380" "5457759" "6014483" "6445939" "6542665" "6594419").PN. OR ("6873768").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:49
S112	1	10/972512	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:50
S113	3	US-6496623-\$.DID. OR US-6748132-\$.DID. OR US-4880289-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:50
S114	35	"6496623" "6748132" "4880289"	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:51
S115	39	("3953727" "4213677" "4244045" "4289373" "4304460" "4456329" "4474424" "4651315" "4653042" "4708425").PN. OR ("4880289"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:50
S116	501	385/48.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 19:53
S117	82	S116 and first near fib\$3 and second near fib\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 19:53
S118	14693	S117 and parallel with v adj groove v-groove	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 19:53
S119	14693	S108 and parallel with v adj groove v-groove	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 19:53
S120	2073	S118 and (beam adj splitter beamsplitter filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 19:53
S121	452	S118 and (beam adj splitter beamsplitter filter) same ((optic\$4 photo) adj (detector diode) detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 19:54
S122	230	S121 and (transmit\$4 receiv\$4) with reflect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 19:55
S123	12	("6003222" "6021239" "6083843" "6115519" "6124080" "6134362" "6141366" "6157759" "6316281" "6366727").PN. OR ("6671438"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 19:56
S124	14	("20010024556" "4835381" "5093879" "5155785" "5195150" "5346583" "5501893" "5790730" "5846638" "5859940" "5917626" "6267515" "6483961" "6748140").PN. OR ("6981804").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:01
S125	9	("4871224" "5479540" "5577142").PN. OR ("6267515").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:02
S126	11	("3853384" "4946239" "5159481" "5420688").PN. OR ("5859940"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:02

EAST Search History

S127	33	("20020131139" "20030001071" "3013467" "5120953" "5161053" "5321501" "5629790" "5648618" "5742419" "5872800" "5907425" "5925874" "5969465" "5969854" "5973828" "6007208" "6028306" "6044705" "6057952" "6064518" "6069698" "6088145" "6118580" "6134003" "6263234" "6351325" "6369928" "6414779" "6423956" "6441356" "6522444").PN. OR ("6713742").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:06
S128	10	("20010026660" "20030063889" "20040033014" "20040042720" "4802727" "5005935" "5479547" "5801892" "6167171" "6496623").PN. OR ("6979136").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:09
S129	7	optic\$4 near2 monitor\$3 and parallel near3 (v adj groove v-groove v near groove) and (beamsplitter beam adj splitter filter) with (reflect\$4 receiv\$4 coupl\$4) same (photodiode photo adj diode photodetector photo adj detector)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:12
S130	7	optic\$4 near2 monitor\$3 and parallel near3 (v adj groove v-groove v near groove) and (beamsplitter beam adj splitter filter) with (reflect\$4 receiv\$4 coupl\$4) same (photodiode photo adj diode photodetector photo adj detector)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/16 20:12
S131	9	("4243297" "4750799" "5425118" "5479547" "5633962" "5799120" "6243516" "6374021" "6480639").PN. OR ("6684012").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:13
S132	12	("5175778" "5392377").PN. OR ("5633962").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:15
S133	9	("4243297" "4750799" "5425118" "5479547" "5633962" "5799120" "6243516" "6374021" "6480639").PN. OR ("6684012").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:17
S134	6	"optical monitor module"	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:17
S135	1	(US-6361222-\$.did.	USPAT	OR	ON	2006/04/16 20:17
S136	7	("4900118" "5297228").PN. OR ("6361222").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/16 20:17
S137	1	optical near monitor and parallel near groove and ((graded gradient) near3 index\$2) with fiber and (cleav\$3 angl\$3 facet\$3) near2 fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 20:31
S138	5	optical near monitor and parallel near groove and (cleav\$3 angl\$3 facet\$3) near2 fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 20:30
S139	9	parallel near groove and ((graded gradient) near3 index\$2) with fiber and (cleav\$3 angl\$3 facet\$3) near2 fiber	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 20:40
S140	1	09/598037	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 20:41
S142	1	pct/jp99/05911	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/16 20:41
S143	4842	kawaguchi.in.	EPO; DERWENT	OR	ON	2006/04/16 20:41
S144	6	kawaguchi.in. and optical adj module	EPO; DERWENT	OR	ON	2006/04/16 20:43
S145	0	jp-4-52606-\$.did.	EPO; DERWENT	OR	ON	2006/04/16 20:43
S146	0	jp-04-52606-\$.did.	EPO; DERWENT	OR	ON	2006/04/16 20:45
S147	1519	furukawa.as. and @py="1992"	EPO; DERWENT	OR	ON	2006/04/16 20:45
S148	3144	furukawa.as. and @py="1992"	EPO; JPO; DERWENT	OR	ON	2006/04/16 20:46

EAST Search History

S152	8	furukawa.as. and @py="1992" and optic	EPO; JPO; DERWENT	OR	ON	2006/04/16 20:47
S154	43732	"furukawa electric".as.	EPO; JPO; DERWENT	OR	ON	2006/04/16 20:48
S155	10	S154 and @pd="19920220"	EPO; JPO; DERWENT	OR	ON	2006/04/16 20:51
S156	2	385/34.ccls. and v adj groove near2 parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/16 20:53
S157	4	(graded gradient) near2 (index\$2 indice) same v adj groove near2 parallel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/16 21:25